

METHOD, DEVICE, AND RECORDING MEDIUM WHERE PROGRAM IS RECORDED, FOR DECIDING RESIDUAL TRAVEL LIFE AND END OF LIFE OF RUN-FLAT TIRE THAT CONTINUES TRAVELING IN RUN-FLAT CONDITION

Patent number: WO2004014671
Publication date: 2004-02-19
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Classification:
 - international: B60C23/20; G01K13/08
 - european: B60C23/04C4; B60C23/20; G01K13/08
Application number: WO2003JP10270 20030812
Priority number(s): JP20020234472 20020812; JP20020241333 20020822

Also published as:

EP1544002 (A1)

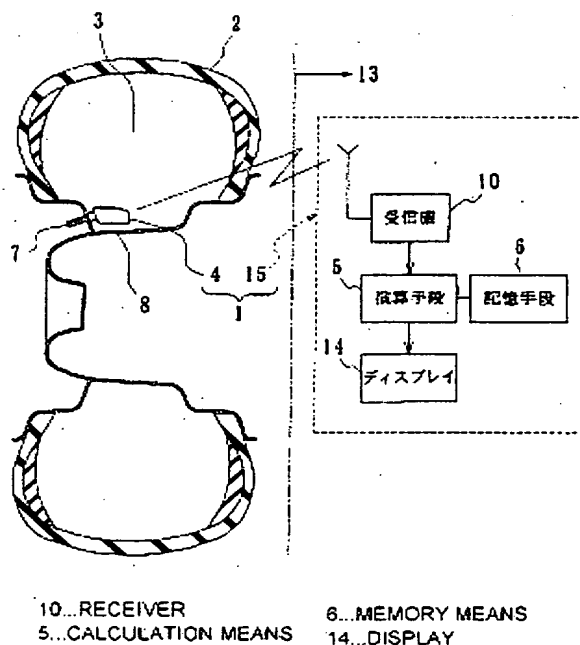
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Abstract of WO2004014671

A method etc. of deciding a residual travel life and the end of the life of a run-flat tire that continues traveling in a run-flat condition. A method of deciding a residual travel life of a tire is characterized as follows. In a vehicle having a run-flat tire system provided with a run-flat tire (2), and a detection unit provided in the tire (2) and capable of measuring an atmospheric temperature in at least a cavity (3) of the tire (2), a limit temperature is set in advance, where the limit temperature is an in-the-cavity atmospheric temperature at which a failure is statistically said to occur when the tire (2) continues traveling in a run-flat condition created when tire inner pressure drops abnormally because of puncture etc. of the tire (2). An in-the-cavity atmospheric temperature of the run-flat tire continuously traveling in a run-flat condition is measured, and then a time and/or a distance for which the run-flat tire can travel until it fails is estimated using the in-the-cavity atmospheric temperature measured and data calculated using the temperature.



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